

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077878.D
 Acq On : 25 May 2023 03:47
 Operator : JC\MD
 Sample : 02852-06 10X
 Misc : 5.78g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-33-051823

Quant Time: May 25 05:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

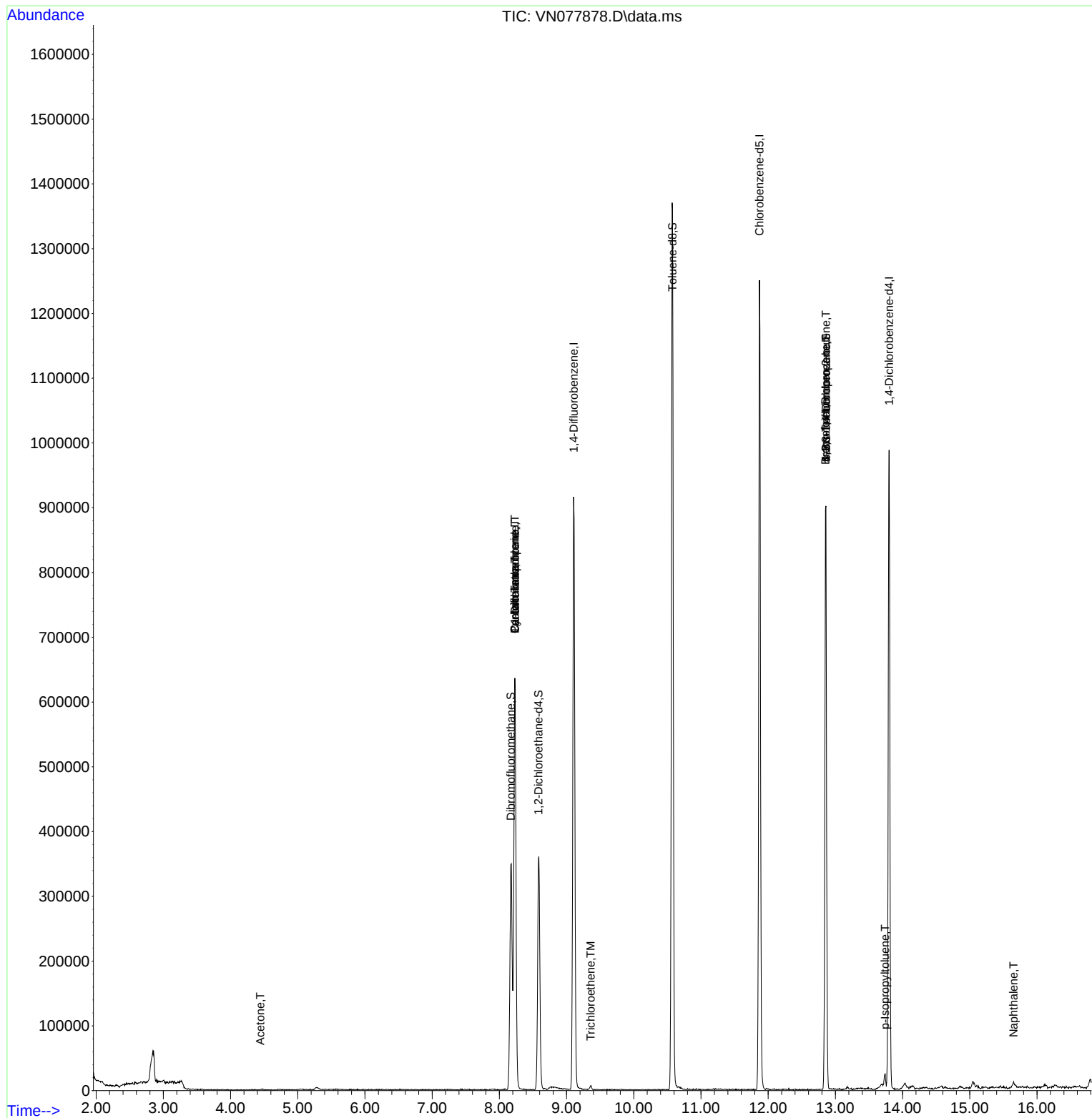
Internal Standards						
1) Pentafluorobenzene	8.229	168	454825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	827424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	748966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299682	44.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.080%
35) Dibromofluoromethane	8.171	113	256938	47.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	10.576	98	1018240	49.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.859	95	327886	44.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1079	Below Cal	#	42
13) Acrolein	4.194	56	80	Below Cal	#	10
16) Acetone	4.442	43	633	0.296	ug/l #	40
20) Methylene Chloride	5.277	84	3001	Below Cal	#	78
31) Cyclohexane	8.229	56	10316	1.115	ug/l #	22
36) 1,1-Dichloropropene	8.229	75	38396	4.865	ug/l #	48
38) Carbon Tetrachloride	8.229	117	49154	6.168	ug/l #	17
44) Trichloroethene	9.359	130	2240	0.380	ug/l	63
71) Bromoform	12.853	173	2064	0.552	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	174317	25.966	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	174317	83.000	ug/l #	15
86) p-Isopropyltoluene	13.741	119	11352	0.591	ug/l	99
95) Naphthalene	15.653	128	7074	0.386	ug/l #	90

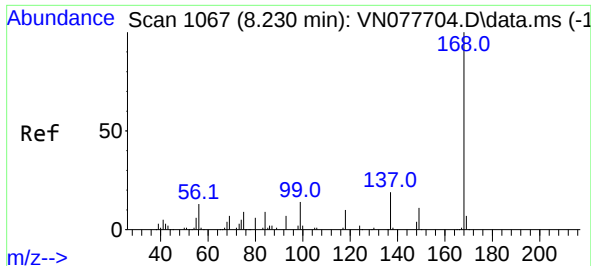
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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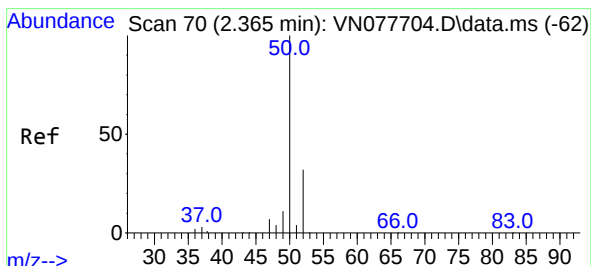
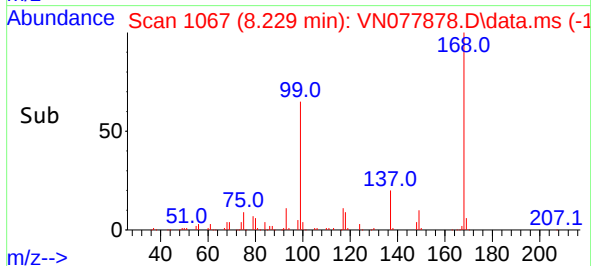
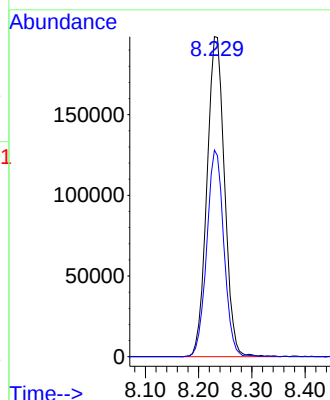
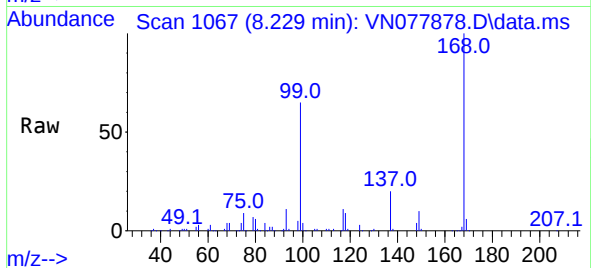




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

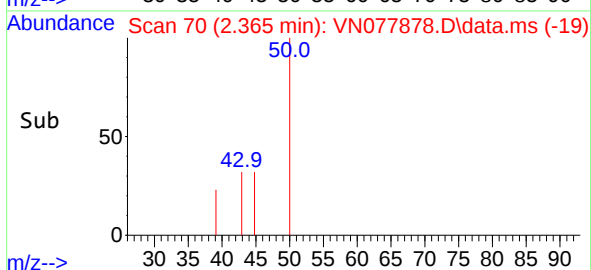
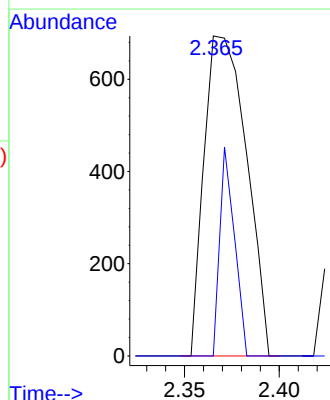
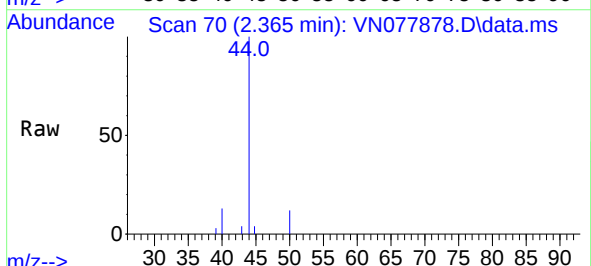
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

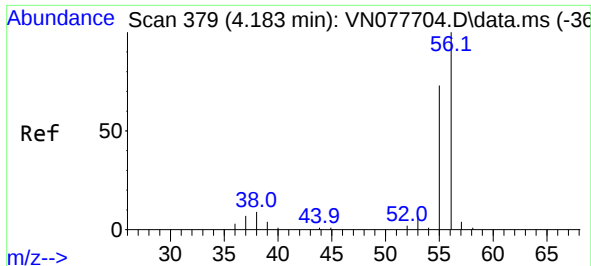
Tgt Ion:168 Resp: 454825
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Tgt Ion: 50 Resp: 1079
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#13

Acrolein

Concen: Below Cal

RT: 4.194 min Scan# 381

Delta R.T. 0.005 min

Lab File: VN077878.D

Acq: 25 May 2023 03:47

Instrument :

MSVOA_N

ClientSampleId :

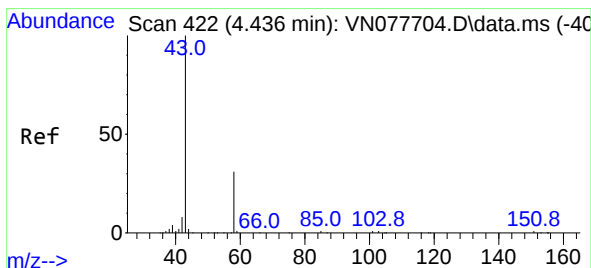
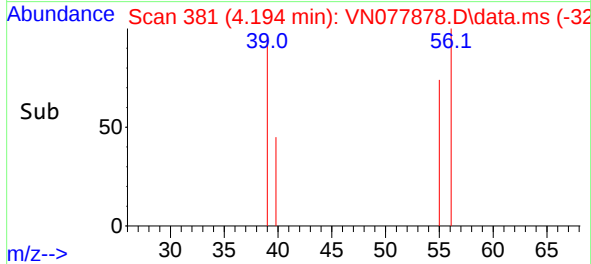
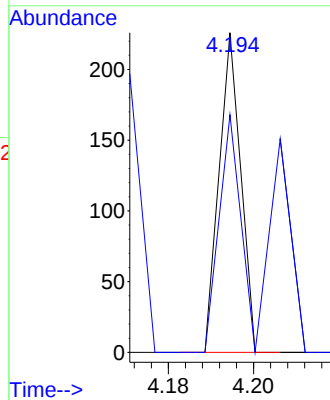
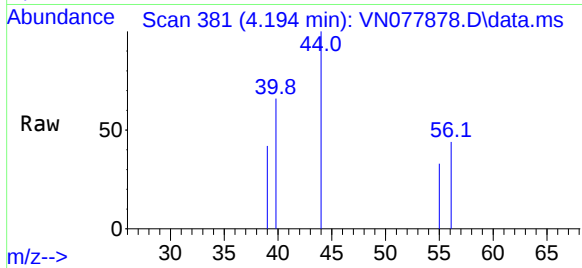
CB-32-G3-SO-33-051823

Tgt Ion: 56 Resp: 80

Ion Ratio Lower Upper

56 100

55 141.3 54.5 81.7#



#16

Acetone

Concen: 0.296 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN077878.D

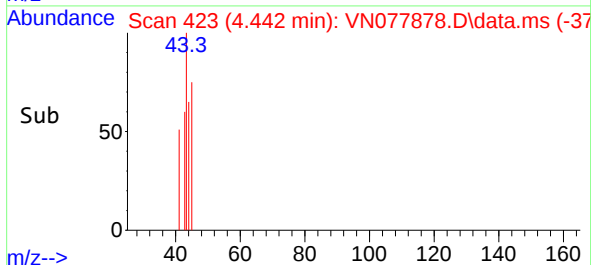
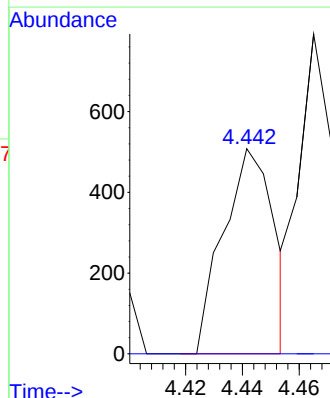
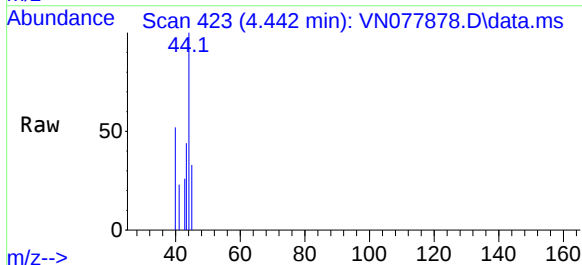
Acq: 25 May 2023 03:47

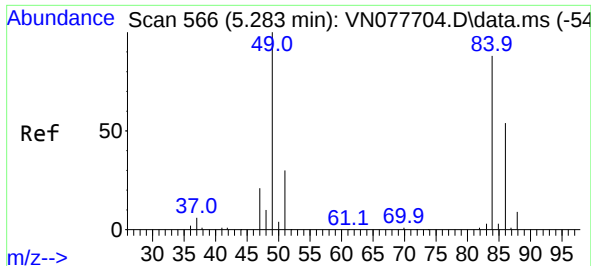
Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

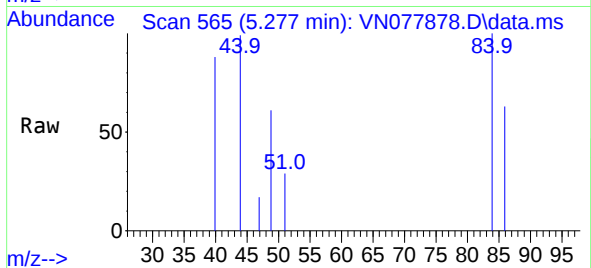
58 0.0 28.0 42.0#



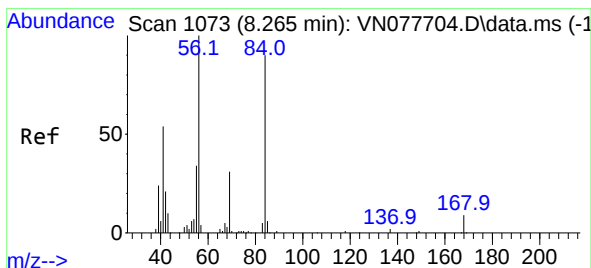
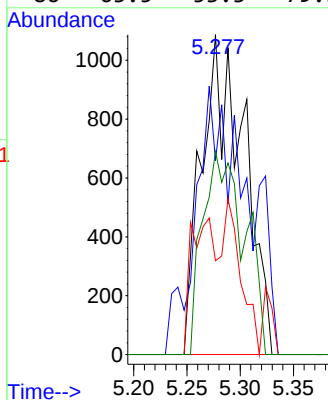
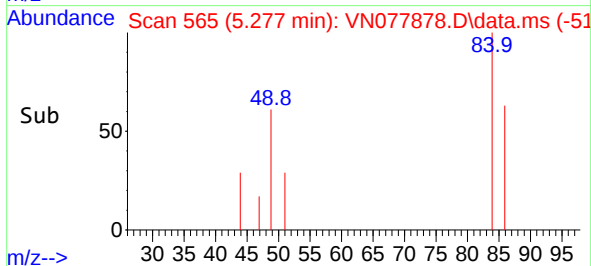


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

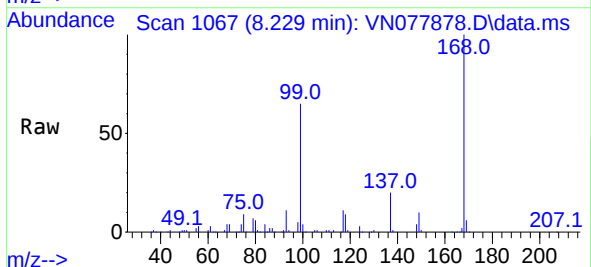
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823



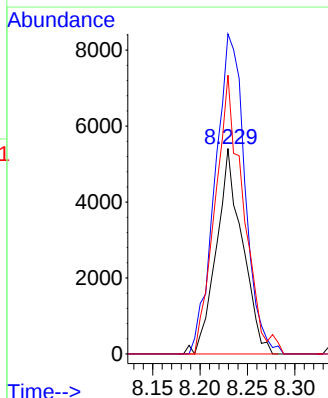
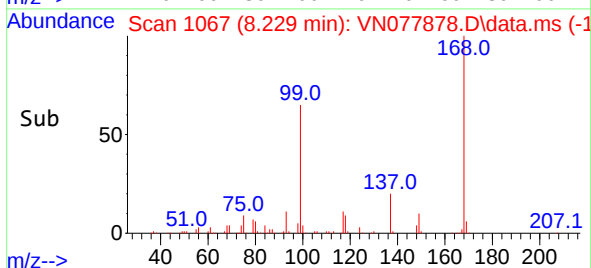
Tgt Ion:	84	Resp:	3001
Ion	Ratio	Lower	Upper
84	100		
49	60.6	79.7	119.5#
51	29.3	25.2	37.8
86	63.5	53.3	79.9

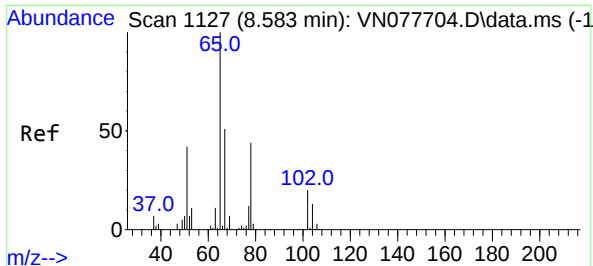


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47



Tgt Ion:	56	Resp:	10316
Ion	Ratio	Lower	Upper
56	100		
69	155.8	26.8	40.2#
84	135.7	81.8	122.6#

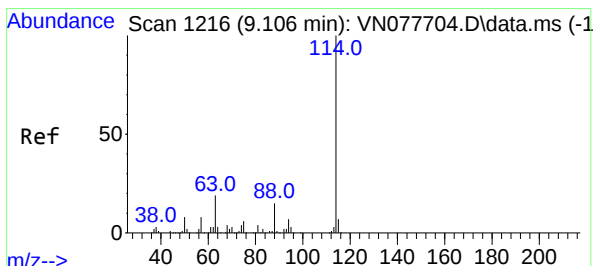
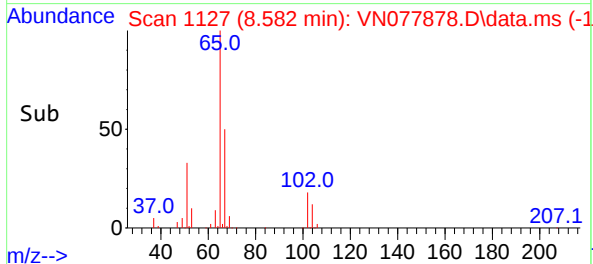
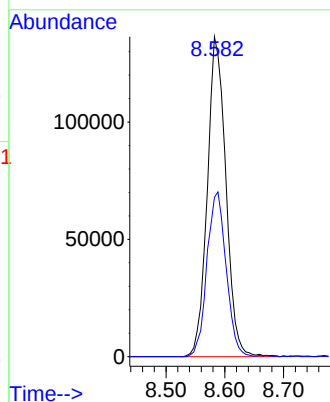
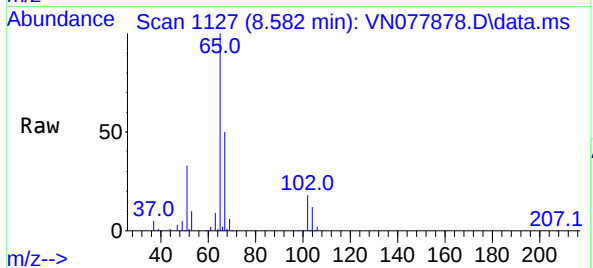




#33
1,2-Dichloroethane-d4
Concen: 44.036 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

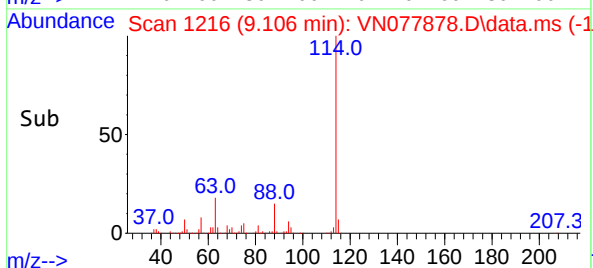
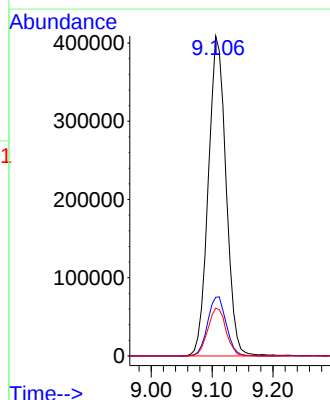
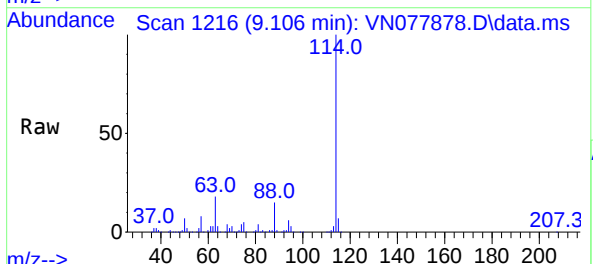
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

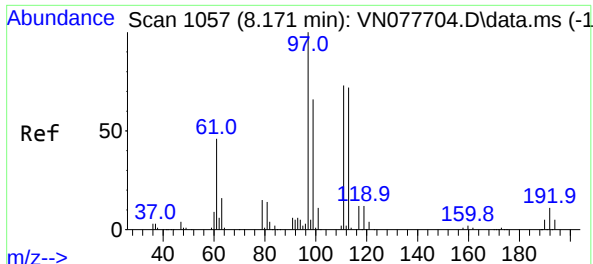
Tgt Ion: 65 Resp: 299682
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

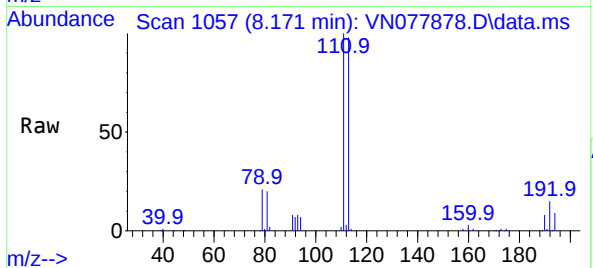
Tgt Ion: 114 Resp: 827424
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 15.0 0.0 30.6



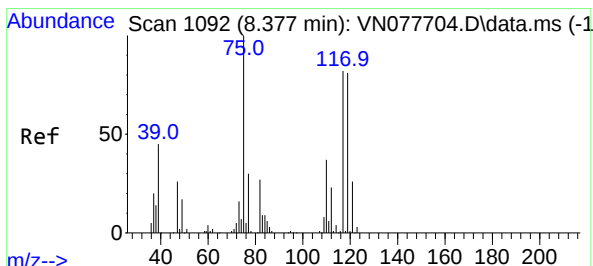
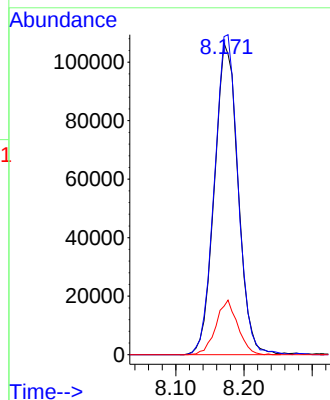
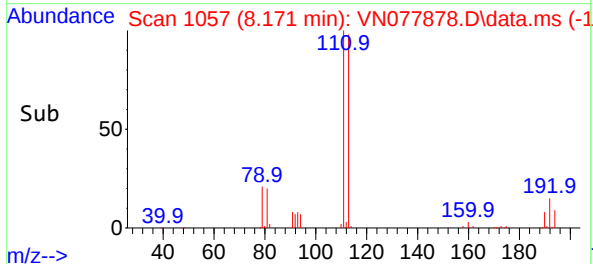


#35
Dibromofluoromethane
Concen: 47.620 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

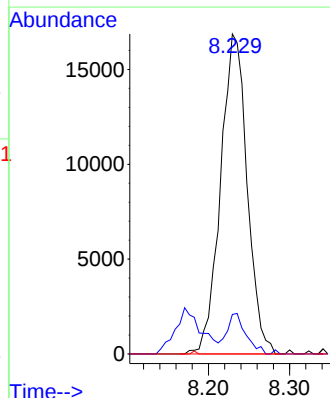
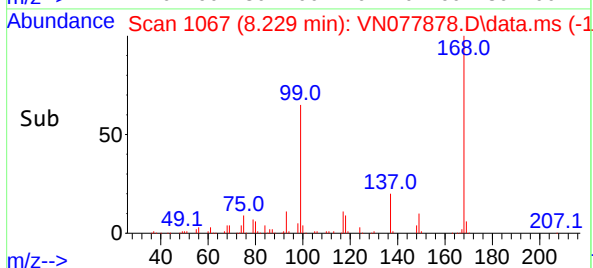
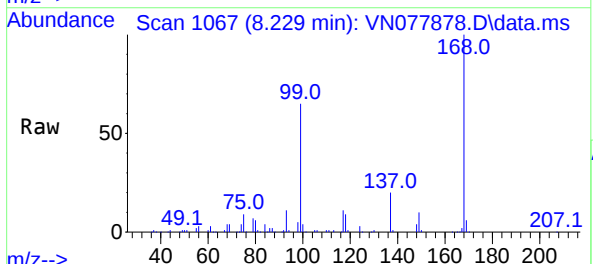


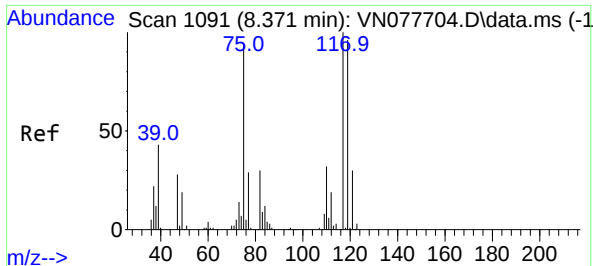
Tgt Ion:113 Resp: 256938
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

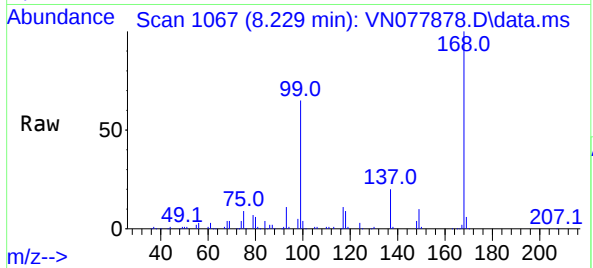
Tgt Ion: 75 Resp: 38396
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#



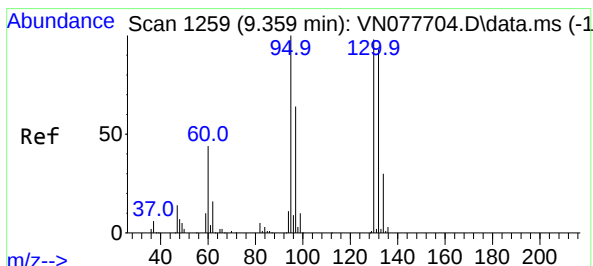
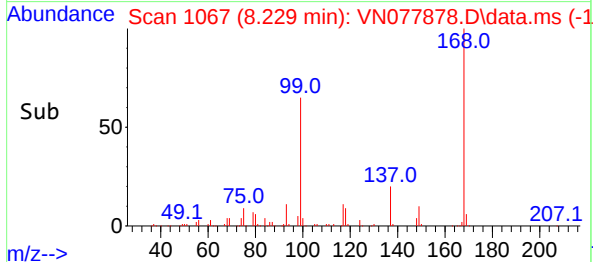
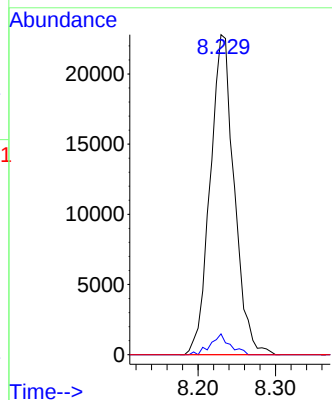


#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 8.229 min Scan# 117
Delta R.T. -0.142 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Instrument :
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ClientSampleId :
CB-32-G3-SO-33-051823

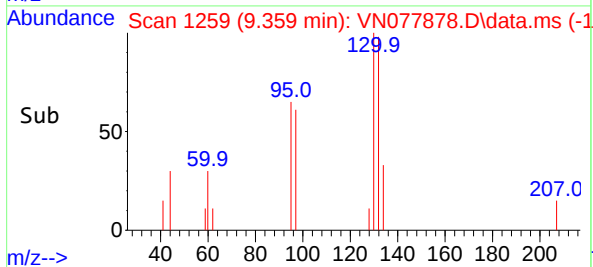
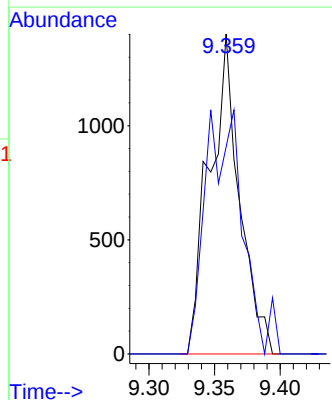
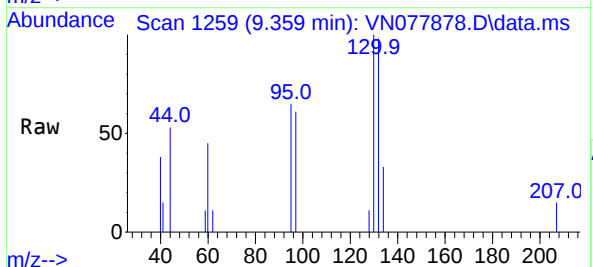


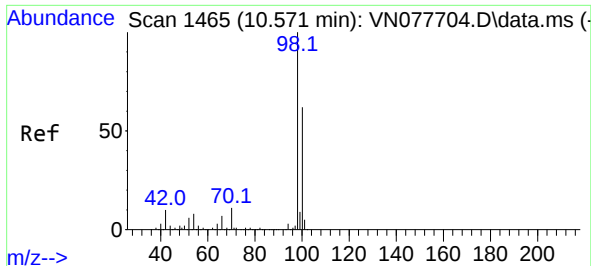
Tgt Ion:117 Resp: 49154
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.380 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Tgt Ion:130 Resp: 2240
Ion Ratio Lower Upper
130 100
95 64.7 0.0 204.6

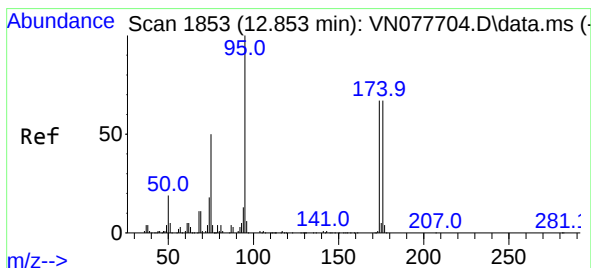
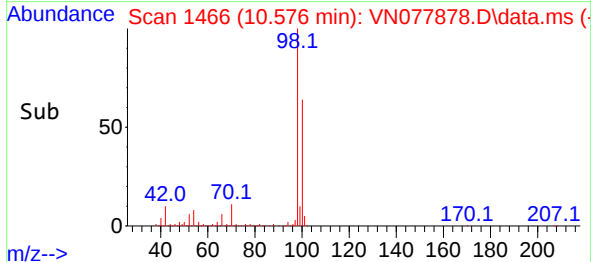
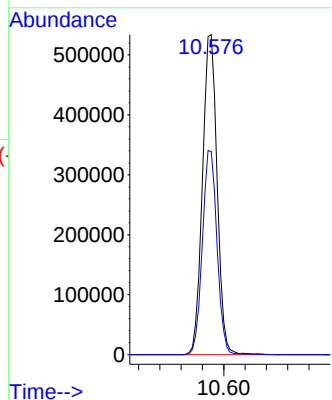
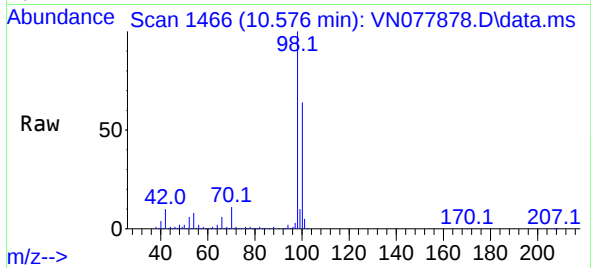




#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

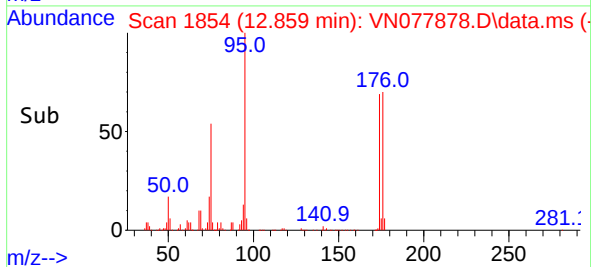
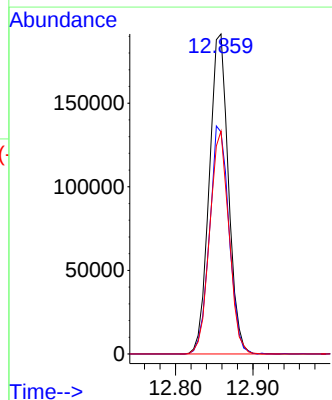
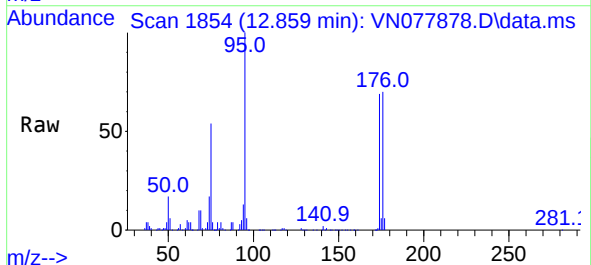
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

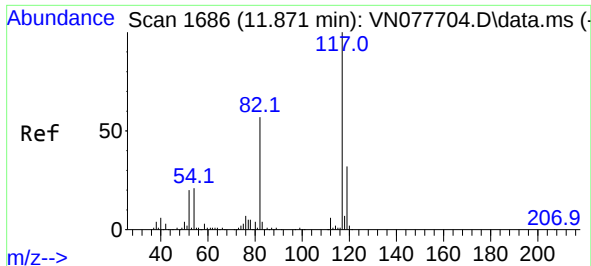
Tgt Ion: 98 Resp: 1018240
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.703 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Tgt Ion: 95 Resp: 327886
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.8 0.0 135.8

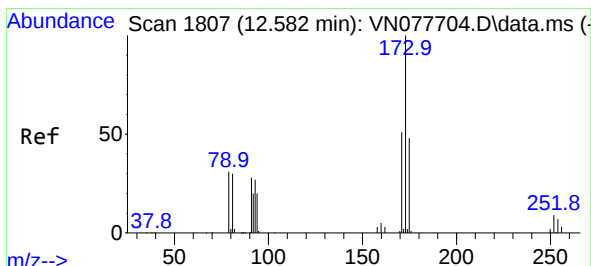
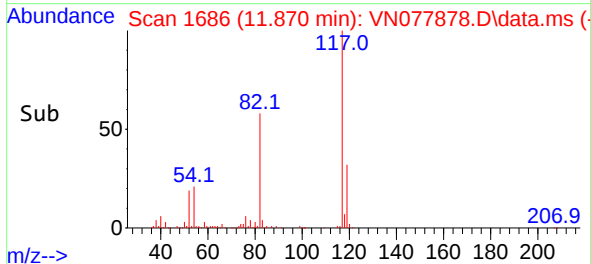
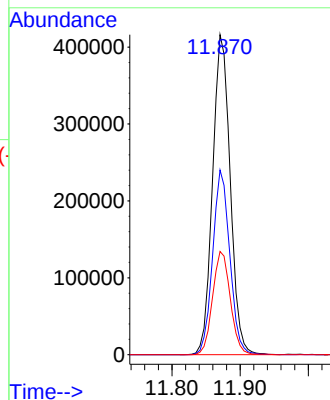
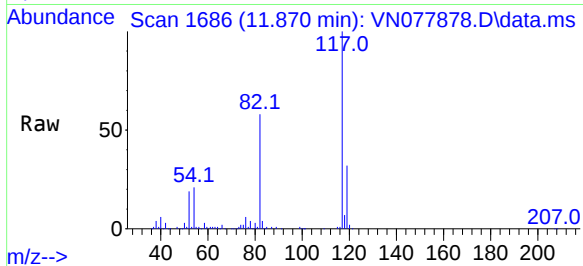




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

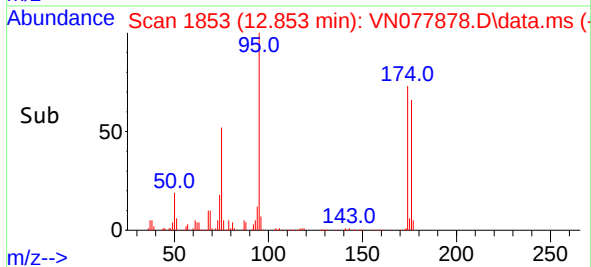
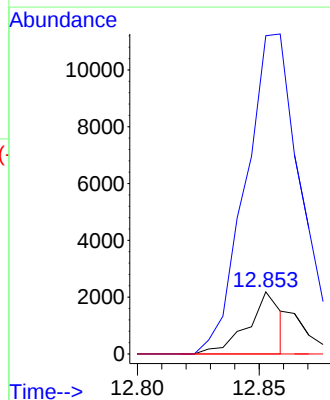
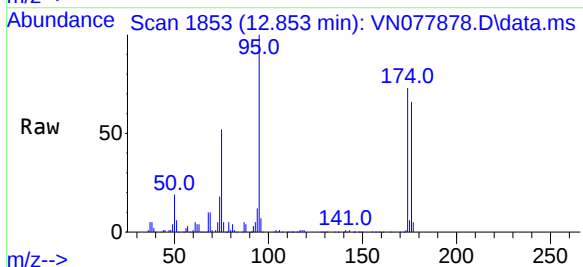
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

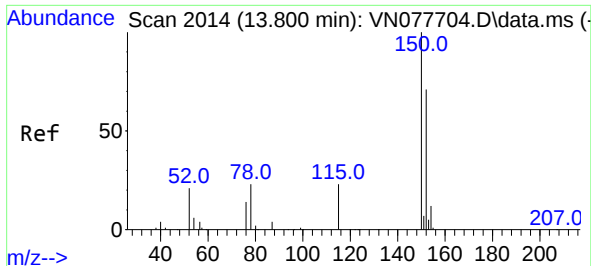
Tgt Ion:117 Resp: 748966
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

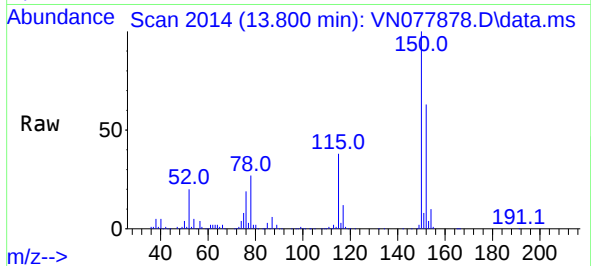
Tgt Ion:173 Resp: 2064
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



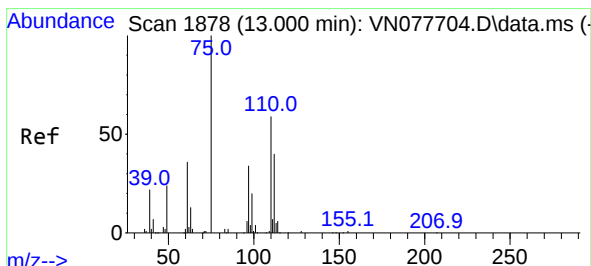
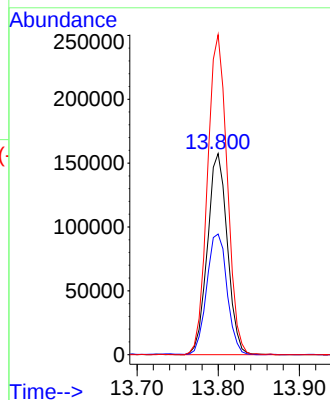
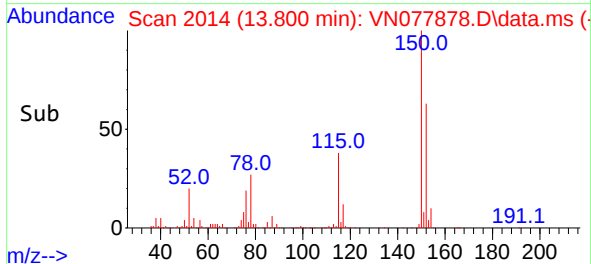


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

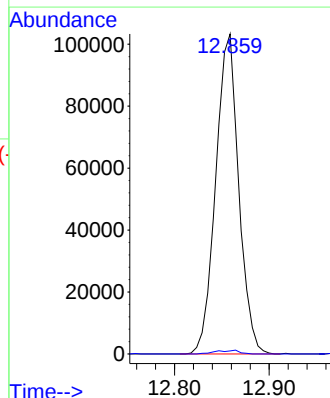
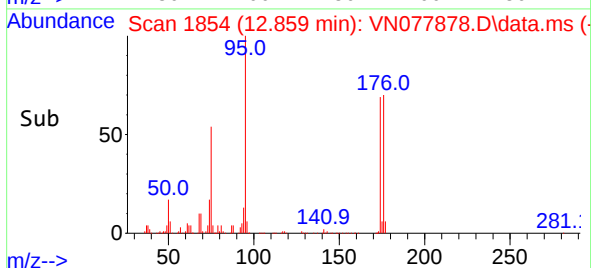
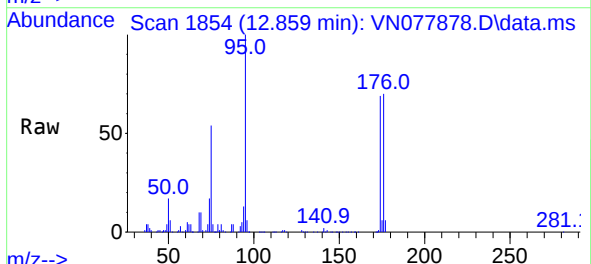


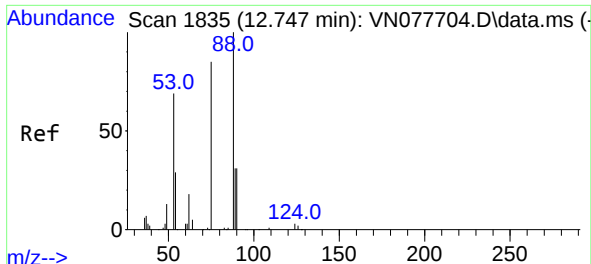
Tgt Ion:152 Resp: 268067
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 157.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 25.966 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Tgt Ion: 75 Resp: 174317
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

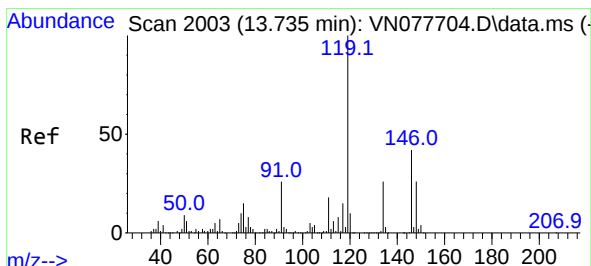
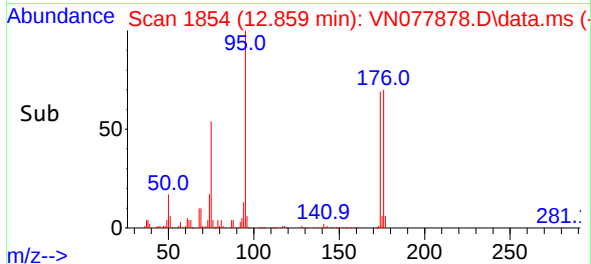
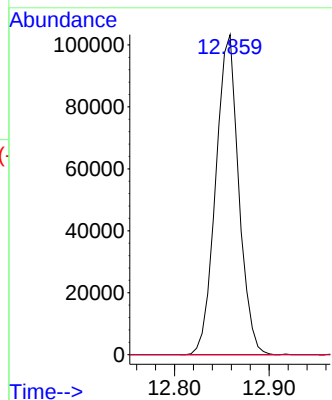
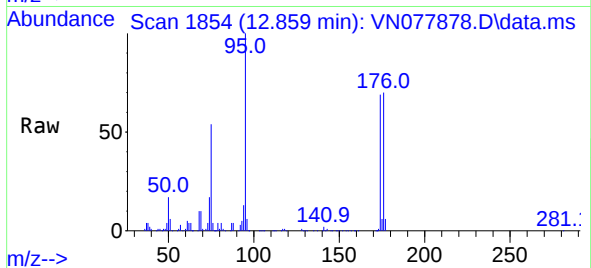




#81
trans-1,4-Dichloro-2-butene
Concen: 83.000 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

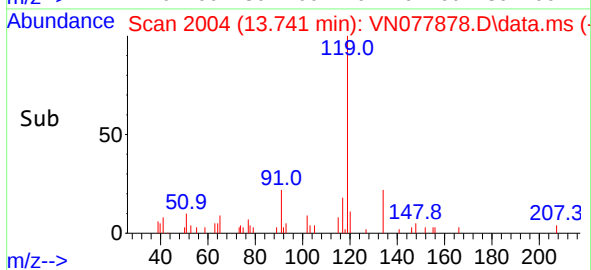
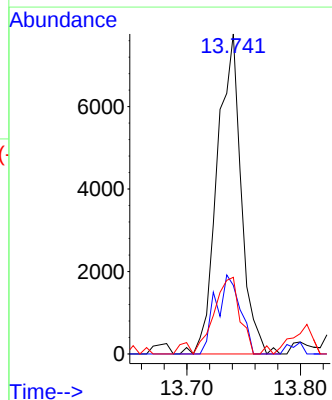
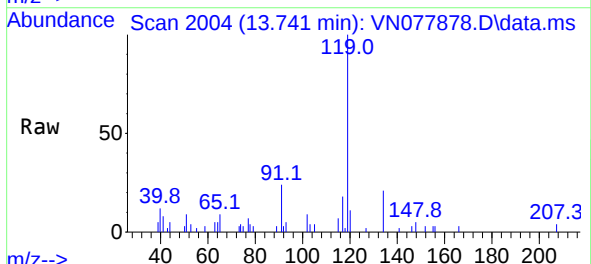
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823

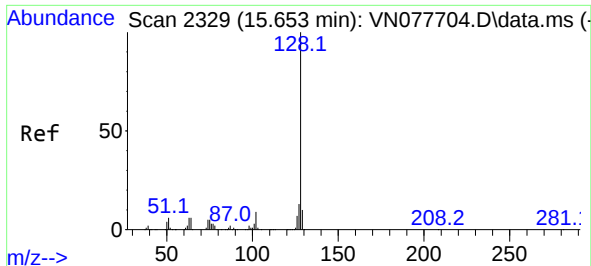
Tgt Ion: 75 Resp: 174317
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 0.591 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

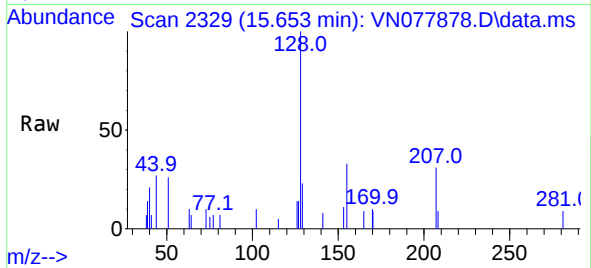
Tgt Ion: 119 Resp: 11352
Ion Ratio Lower Upper
119 100
134 25.2 12.6 37.8
91 25.7 12.4 37.2





#95
Naphthalene
Concen: 0.386 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077878.D
Acq: 25 May 2023 03:47

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-33-051823



Tgt Ion:128 Resp: 7074
Ion Ratio Lower Upper
128 100
127 16.4 10.0 15.0#
129 14.7 8.7 13.1#

